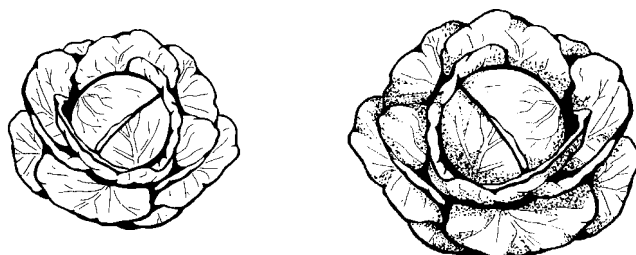


Pennsylvania: Cabbage, Head, Fresh - Agricultural Chemical Applications, 2002 ¹

Active Ingredient	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Percent</i>	<i>Number</i>	<i>Lbs. per Acre</i>	<i>Lbs. per Acre</i>	<i>1,000 Lbs.</i>
Herbicides:					
Napropamide	3	1.0	1.54	1.54	0.1
Oxyfluorfen	5	1.0	0.38	0.38	(²)
S-Metolachlor	39	1.0	1.29	1.29	1.1
Insecticides:					
Bifenthrin	*	1.4	0.07	0.10	(²)
Bt (Bacillus thur.) ³	40	1.7			
Carbaryl	*	2.4	0.51	1.23	(²)
Endosulfan	71	1.9	0.75	1.45	2.3
Esfenvalerate	3	2.4	0.04	0.09	(²)
Imidacloprid	*	1.1	0.14	0.16	(²)
Lambda-cyhalothrin	36	2.8	0.02	0.07	0.1
Methomyl	41	2.1	0.61	1.28	1.2
Permethrin	3	3.4	0.18	0.62	(²)
Spinosad	42	2.0	0.08	0.16	0.1
Fungicides:					
Chlorothalonil	44	2.1	1.30	2.73	2.7
Copper hydroxide	*	4.0	0.50	2.01	(²)
Mancozeb	5	1.8	1.32	2.40	0.3

* Area applied is less than one percent. ¹ Planted acres in 2002 for Pennsylvania were 2,200 acres. ² Total applied is less than 50 lbs. ³ Rates and total applied are not available because amounts of active ingredient are not comparable between products.



Melons, Cantaloupe: Nitrogen was applied to 89 percent of the planted acres in the 4 Program States: Arizona, California, Pennsylvania, and Texas. Phosphate was applied to 66 percent, and potash to 36 percent of the acres.

Herbicides were used on 29 percent of the planted acreage for cantaloupes. Trifluralin and bensulide were the most common herbicides used on 13 percent and 11 percent of the acreage,

respectively. Insecticides were applied to 54 percent of the cantaloupe acres planted, with imidacloprid being the most used treating 20 percent. Diazinon was applied to 16 percent and carbaryl and spinosad were both applied to 11 percent of the acres. Thirty-one percent of the acreage received fungicide treatment. Sulfur (9 percent) and metalaxyl (8 percent) were the most common fungicides used. Other chemicals were applied to 20 percent of the total cantaloupe acres.

Pennsylvania: Cantaloupes - Fertilizer Primary Nutrient Applications and Total, 2002

Primary Nutrient	Planted Acreage	Area Applied	Applications	Rate per Application	Rate per Crop Year	Total Applied
	<i>Acres</i>	<i>Percent</i>	<i>Number</i>	<i>Lbs. per Acre</i>	<i>Lbs. per Acre</i>	<i>1,000 Lbs.</i>
Nitrogen		96	2.1	18	39	53
Phosphate		97	2.0	20	41	55
Potash		96	2.0	18	38	52
Total	1,400					